

ABSTRACT

METHOD FOR MANUFACTURING PARTS THAT ARE MOLDED THEN
FORGED COMPRISING ONE OR MORE RECESSES AND THE
5 IMPLEMENTATION INSTALLATION THEREOF

This method is original in that it implements the following phases:

- 10 - a foundry preform is created that includes one or more pierced or blind recesses or cavities that match the useful or required shapes of the end part to be obtained;
- the preform is transferred to a tunnel furnace that ensures a uniform temperature of said preform;
- 15 - the foundry preform is positioned in a heading die disposed on a press;
- one or more multidirectional rods are introduced into the recess(es) or cavity(ies) of the foundry preform, according to a command prior to the forging operation;
- 20 - sizing operation of the preform that receives the rod(s) in the phase during which the rod(s) are temporarily positioned inside the shaped recess(es). the upper forging die is raised to free the forged preform;
- 25 - the rod(s) positioned in the recess(es) are withdrawn;
- the forged preform is removed.

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